

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082857.D
 Acq On : 10 Nov 2015 6:41
 Operator : UM/IZ
 Sample : G4275-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-8L

Quant Time: Nov 10 07:04:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

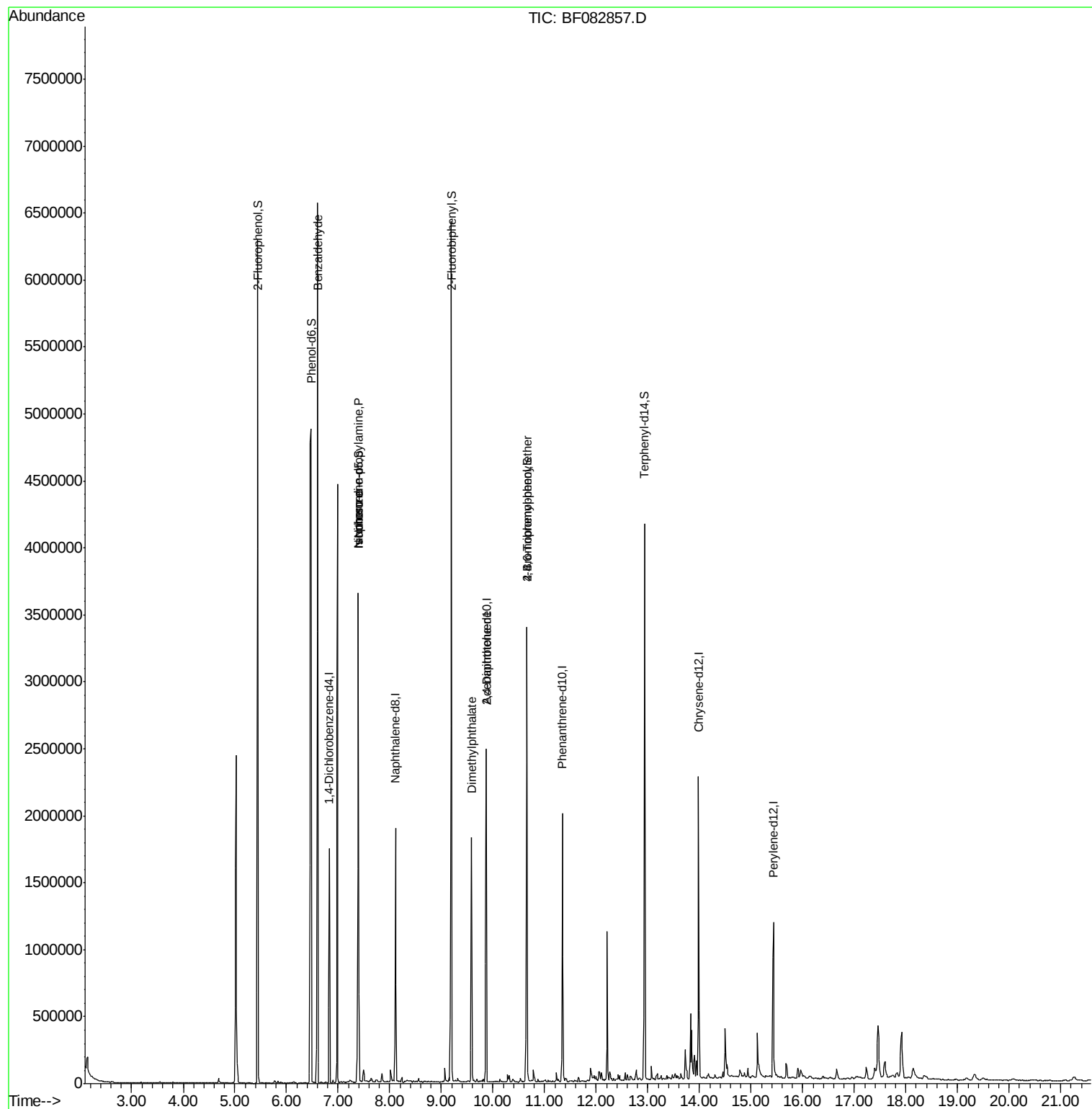
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	267378	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	931084	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	523278	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	853333	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	733297	20.00	ng	-0.03
86) Perylene-d12	15.44	264	607888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2014788	117.24	ng	0.00
7) Phenol-d6	6.48	99	2761211	120.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	1467324	68.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	529944	88.33	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2112797	57.87	ng	-0.02
78) Terphenyl-d14	12.93	244	1823889	58.99	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.60	77	50949	4.04	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	203911	12.14	ng	# 71
25) Isophorone	7.39	82	1423247	35.95	ng	# 70
49) Dimethylphthalate	9.58	163	674615	15.74	ng	100
56) 2,4-Dinitrotoluene	9.87	165	69054	5.56	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	38108	3.71	ng	# 1

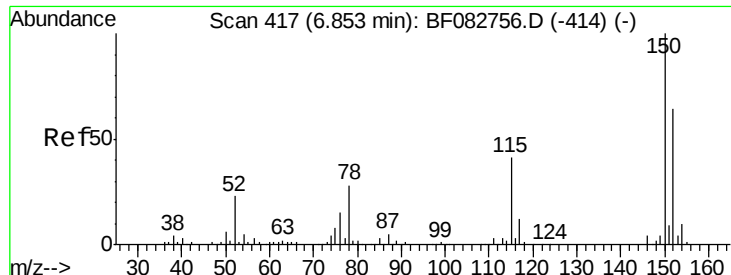
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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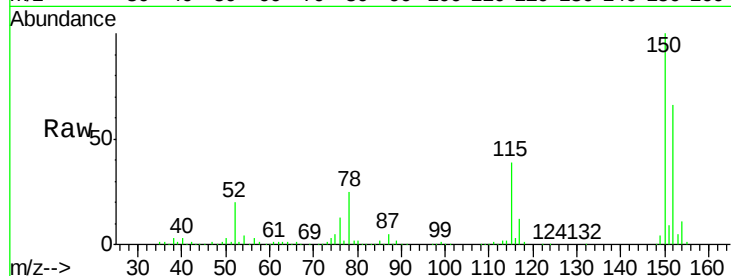


#1

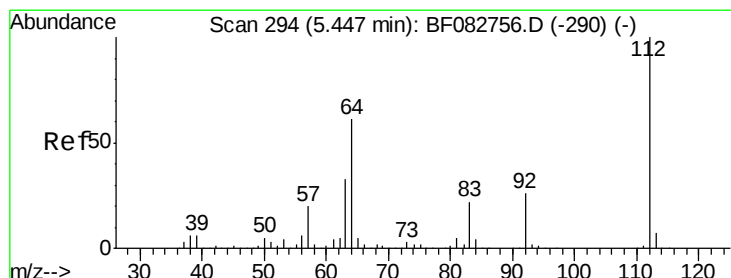
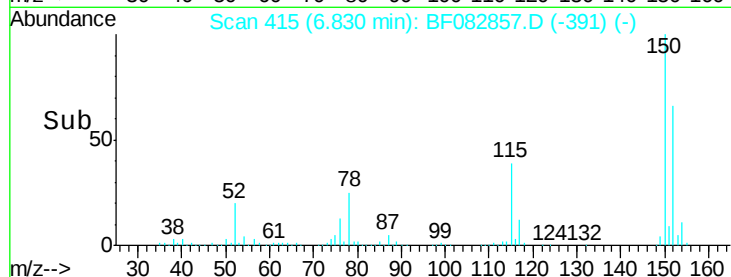
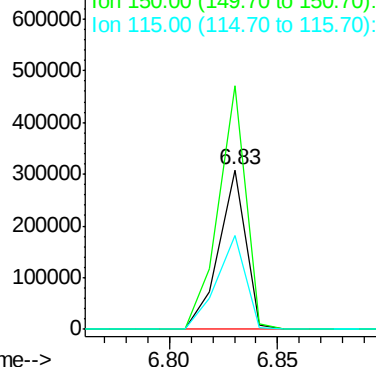
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 T-8L

Tot Ion:152 Resp: 267378
 Ion Ratio Lower Upper
 152 100
 150 152.5 127.0 190.4
 115 58.9 47.0 70.6



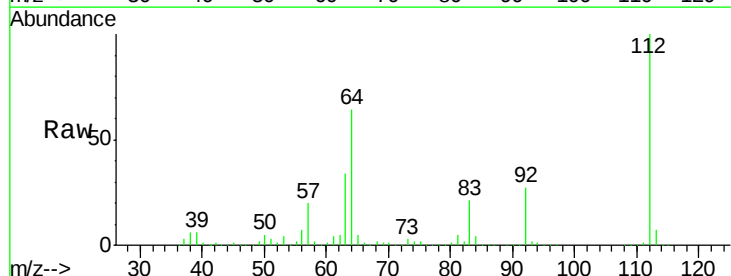
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



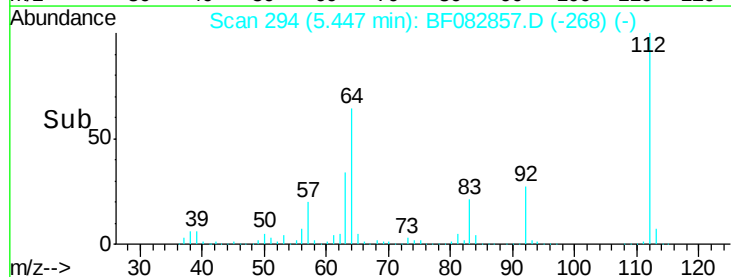
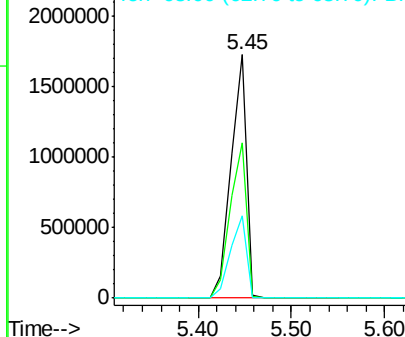
#5

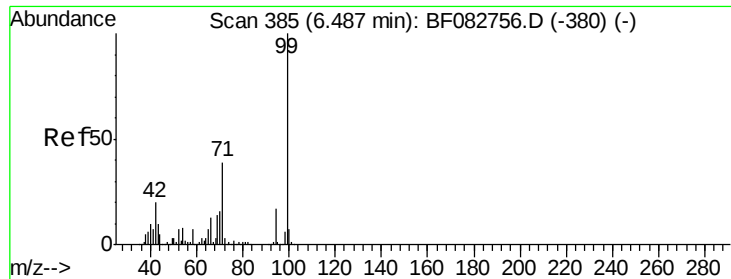
2-Fluorophenol
 Concen: 117.24 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Tgt Ion:112 Resp: 2014788
 Ion Ratio Lower Upper
 112 100
 64 63.6 48.9 73.3
 63 33.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.87 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

T-8L

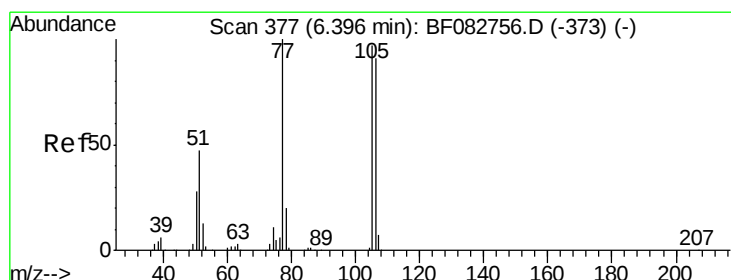
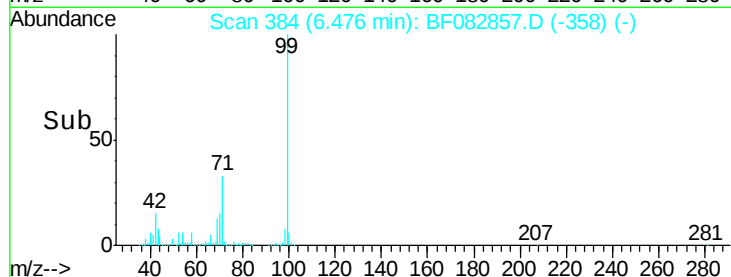
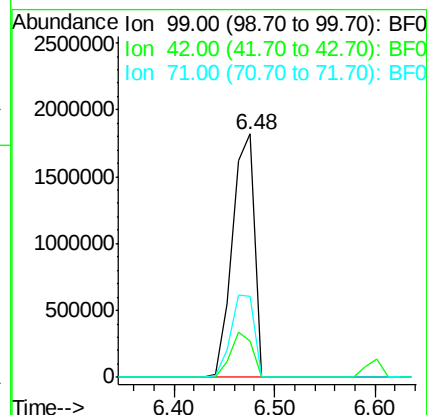
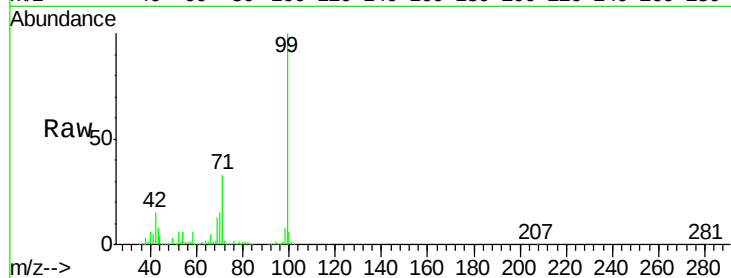
Tot Ion: 99 Resp: 2761211

Ion Ratio Lower Upper

99 100

42 15.1 19.2 28.8#

71 33.2 35.0 52.4#



#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

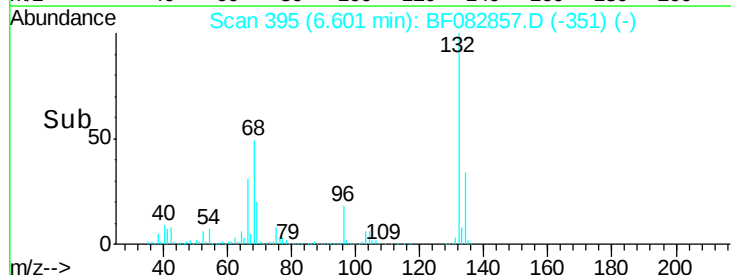
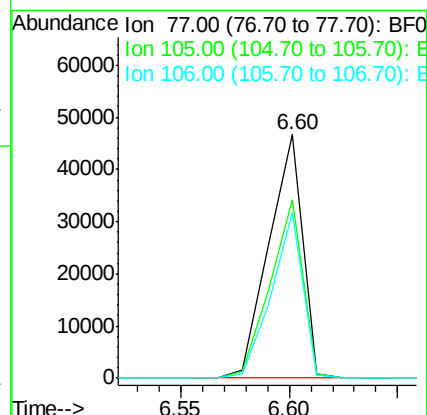
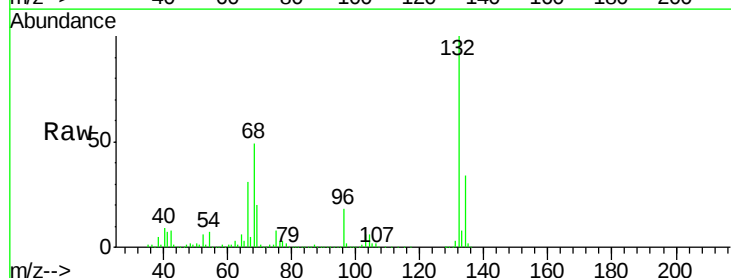
Tgt Ion: 77 Resp: 50949

Ion Ratio Lower Upper

77 100

105 73.4 63.5 103.5

106 68.1 59.3 99.3

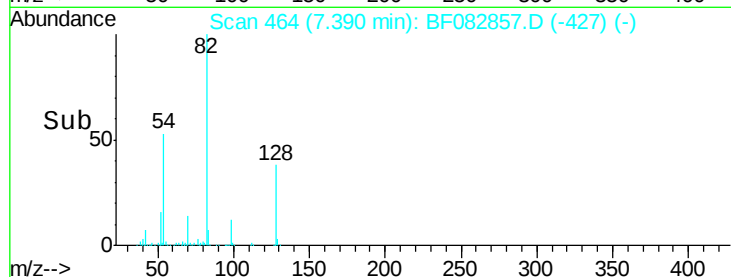
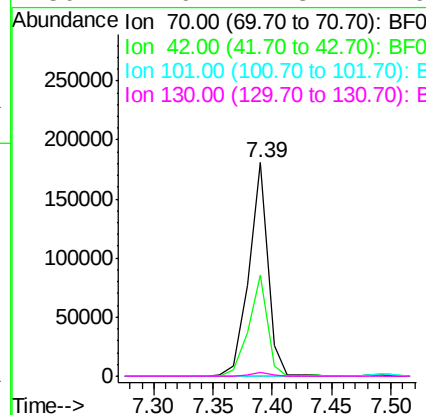
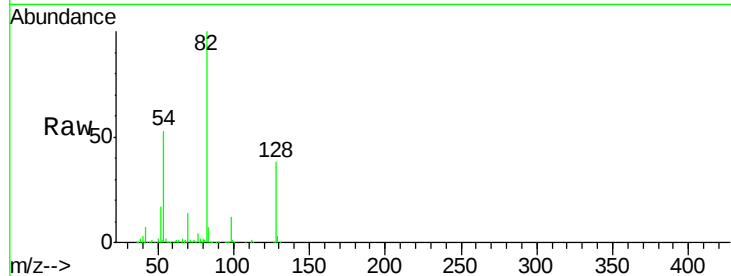




#19
n-Nitroso-di-n-propylamine
Concen: 12.14 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

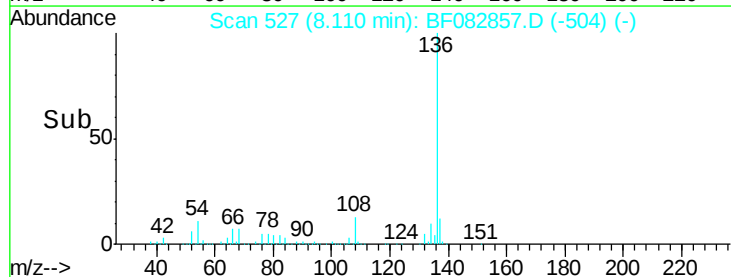
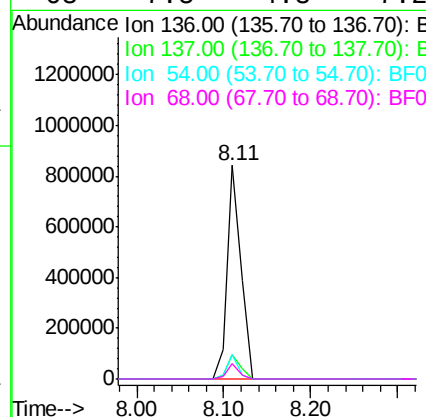
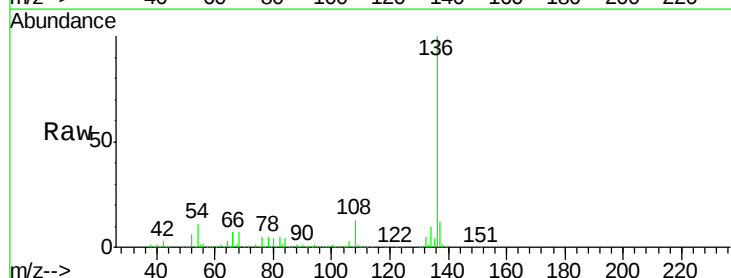
Instrument :
BNA_F
ClientSampled :
T-8L

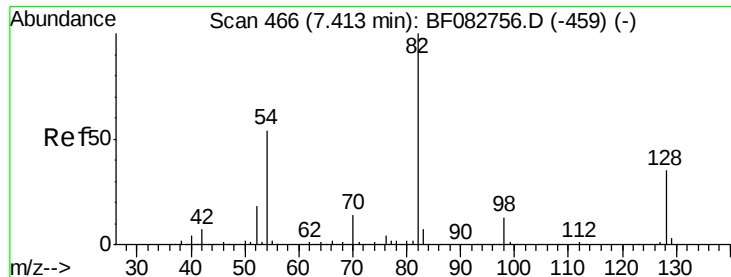
Tot Ion: 70 Resp: 203911
Ion Ratio Lower Upper
70 100
42 47.3 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

Tgt Ion:136 Resp: 931084
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 11.1 9.1 13.7
68 7.5 4.8 7.2#

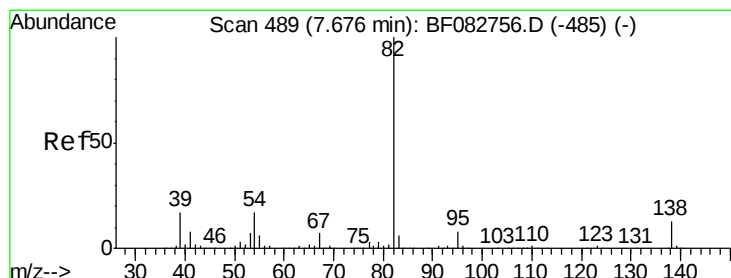
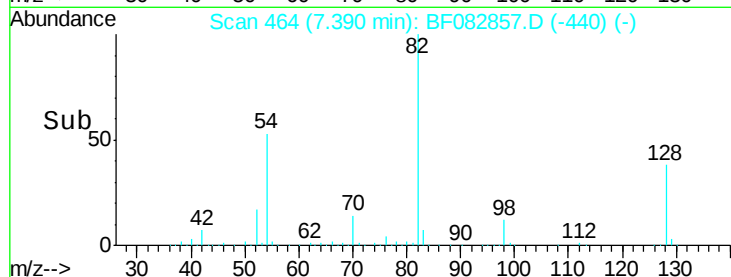
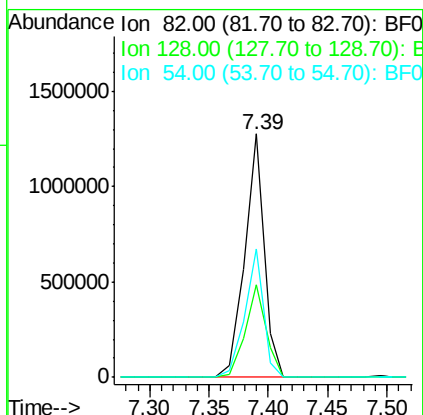
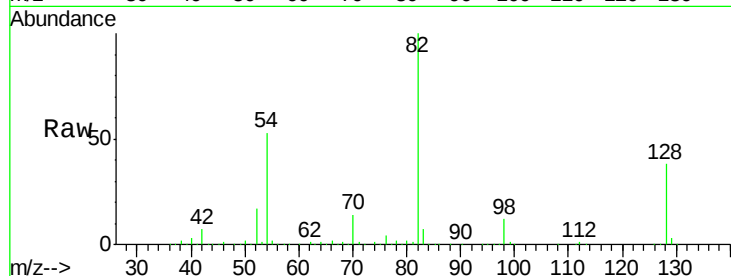




#23
Nitrobenzene-d5
Concen: 68.57 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

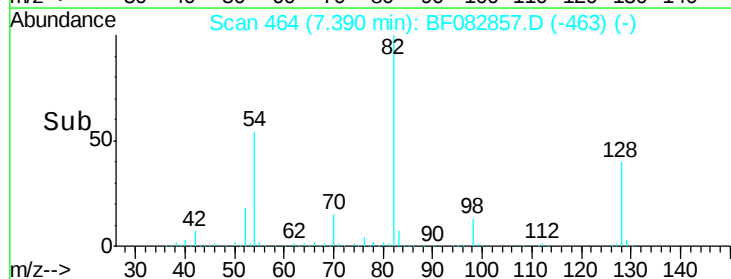
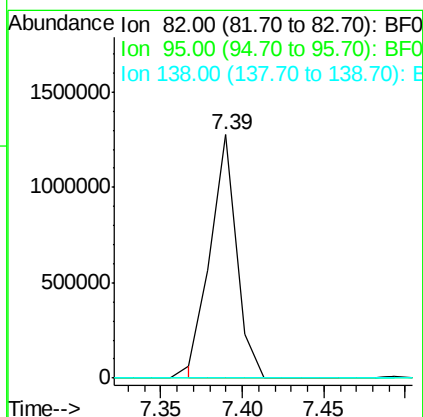
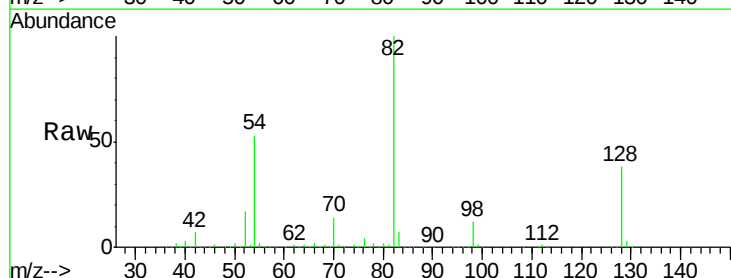
Instrument :
BNA_F
ClientSampleId :
T-8L

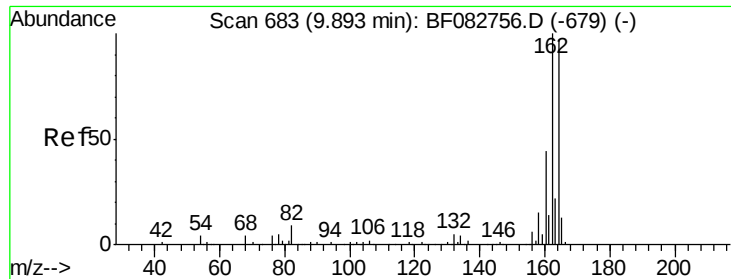
Tot Ion: 82 Resp: 1467324
Ion Ratio Lower Upper
82 100
128 38.1 26.8 40.2
54 53.0 45.7 68.5



#25
Isophorone
Concen: 35.95 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

Tgt Ion: 82 Resp: 1423247
Ion Ratio Lower Upper
82 100
95 0.1 6.6 9.8#
138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

T-8L

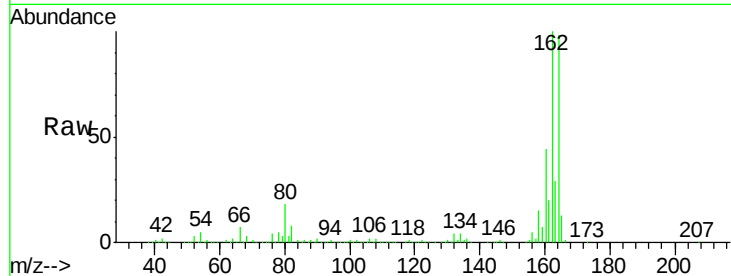
Tot Ion:164 Resp: 523278

Ion Ratio Lower Upper

164 100

162 102.0 84.9 127.3

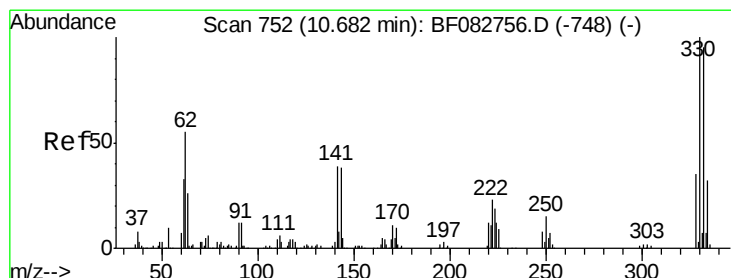
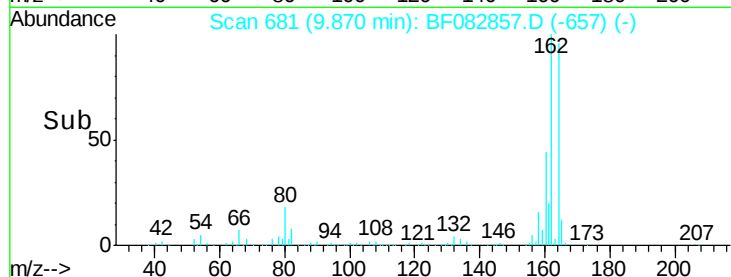
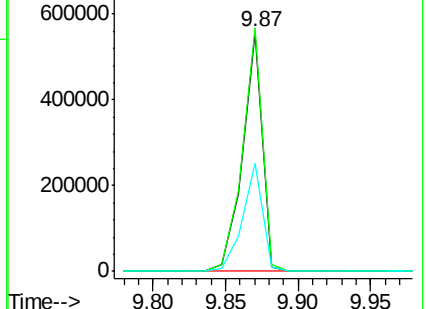
160 45.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 88.33 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

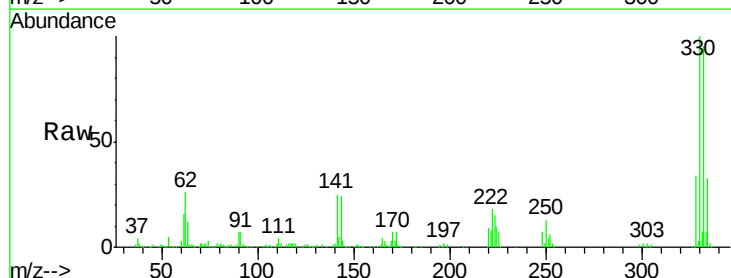
Tgt Ion:330 Resp: 529944

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

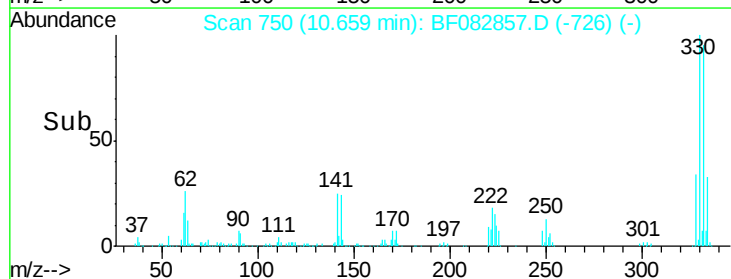
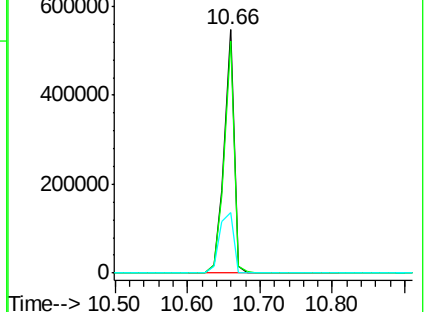
141 35.3 41.2 61.8#

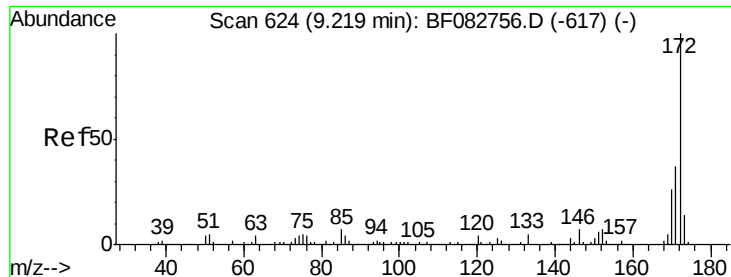


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



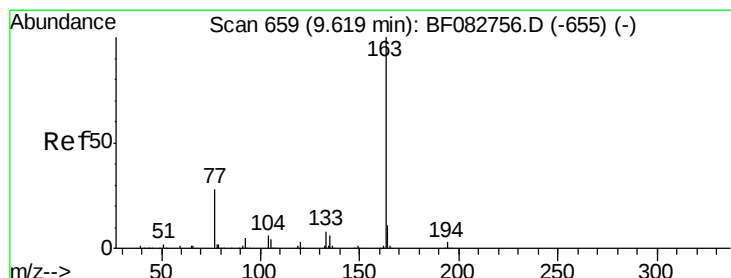
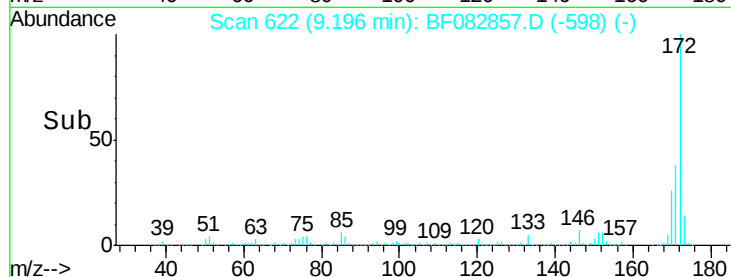
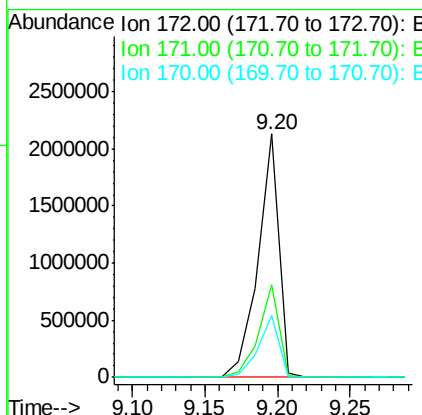
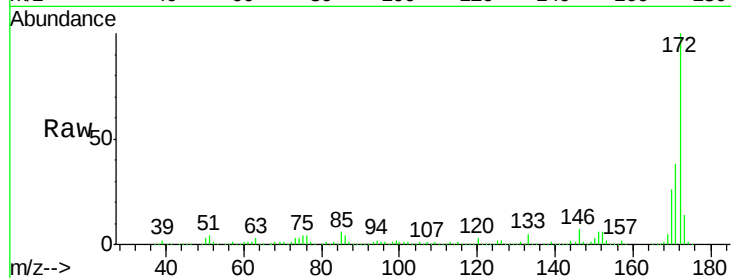


#44
 2-Fluorobiphenyl
 Concen: 57.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 T-8L

Tot Ion:172 Resp: 2112797

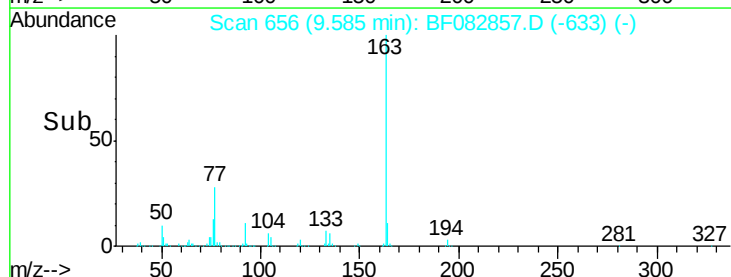
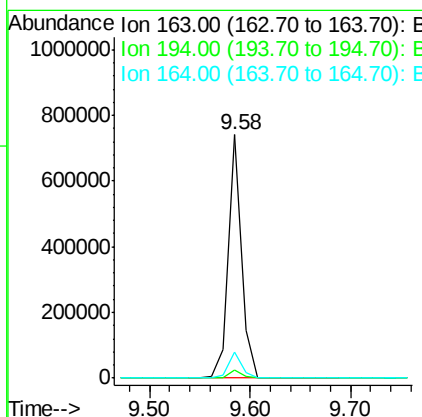
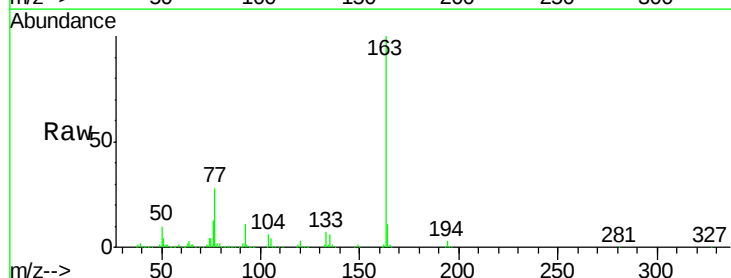
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.6	21.2	31.8

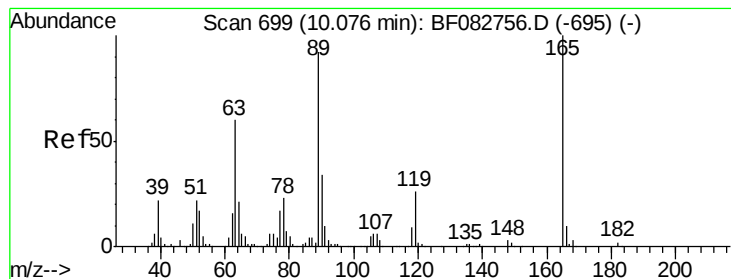


#49
 Dimethylphthalate
 Concen: 15.74 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Tgt Ion:163 Resp: 674615

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.8	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.56 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

Instrument :

BNA_F

ClientSampled :

T-8L

Tot Ion:165 Resp: 69054

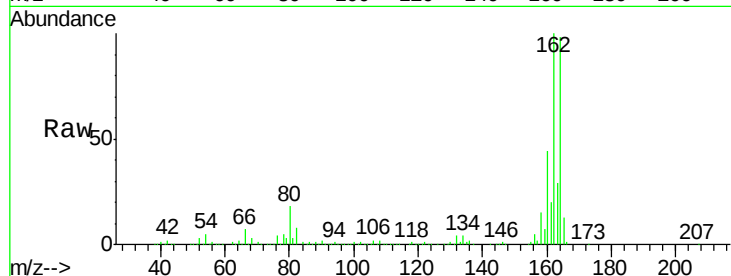
Ion Ratio Lower Upper

165 100

63 0.9 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

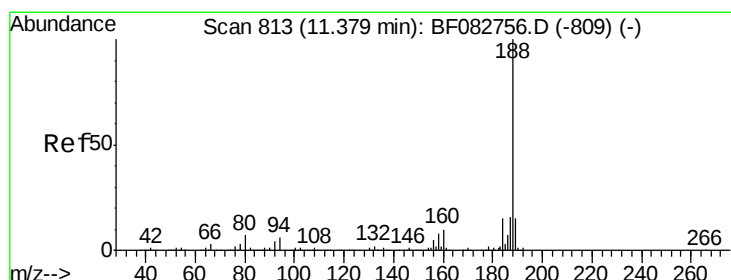
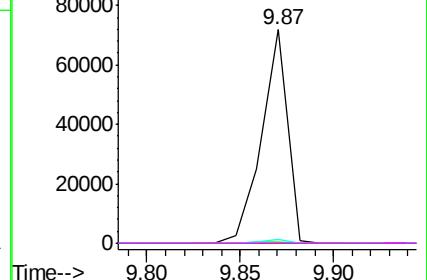
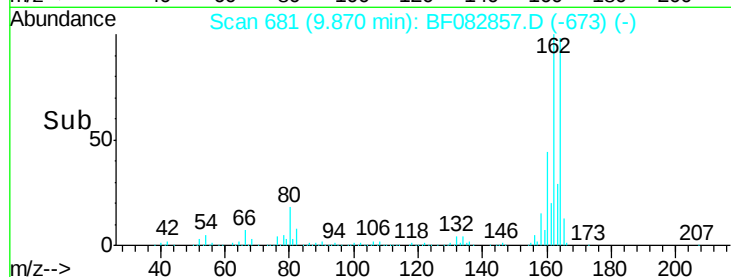


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082857.D

Acq: 10 Nov 2015 6:41

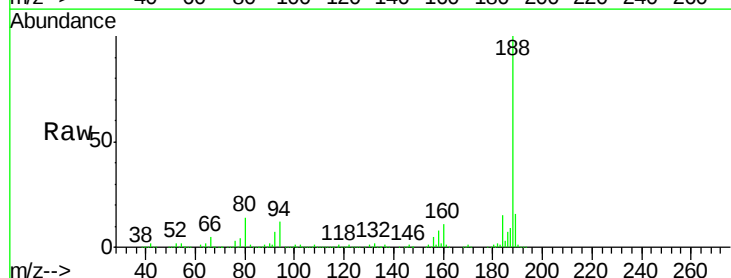
Tgt Ion:188 Resp: 853333

Ion Ratio Lower Upper

188 100

94 11.8 6.1 9.1#

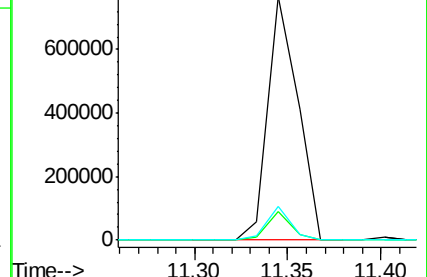
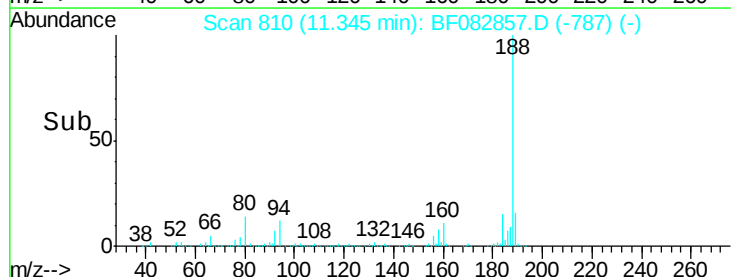
80 13.9 7.0 10.6#

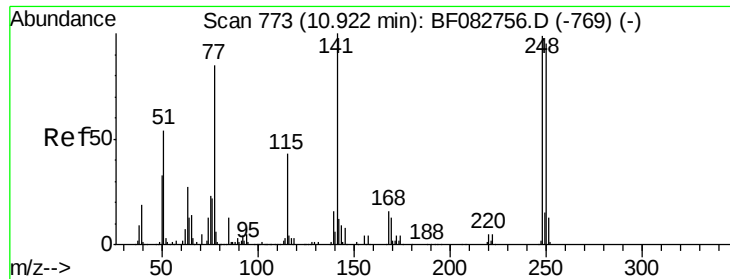


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

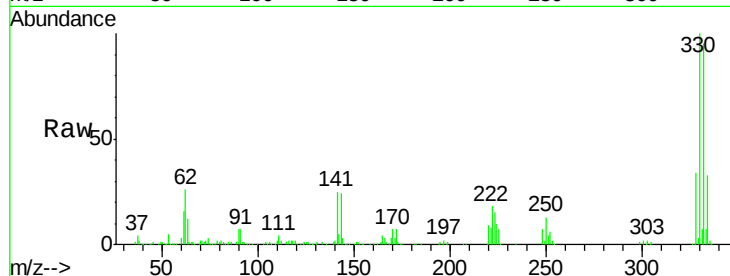




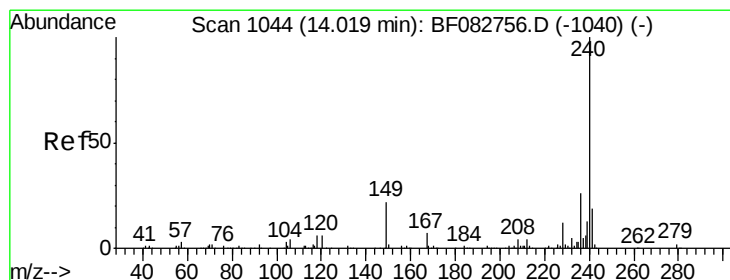
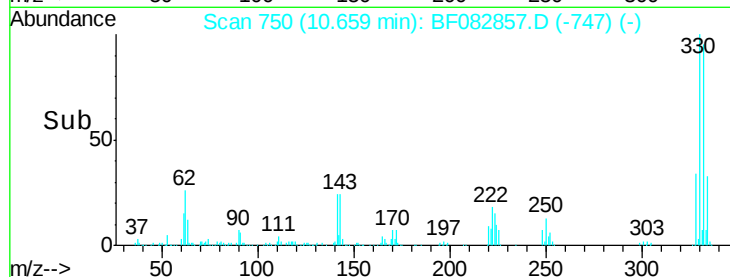
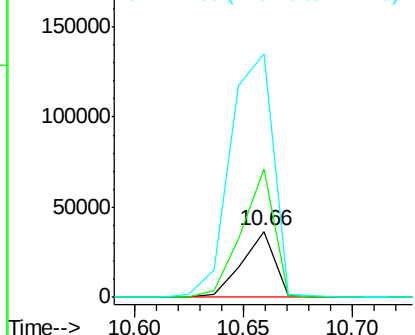
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

Instrument :
BNA_F
ClientSampleId :
T-8L

Tot Ion:248 Resp: 38108
Ion Ratio Lower Upper
248 100
250 195.3 79.4 119.2#
141 370.5 36.3 54.5#

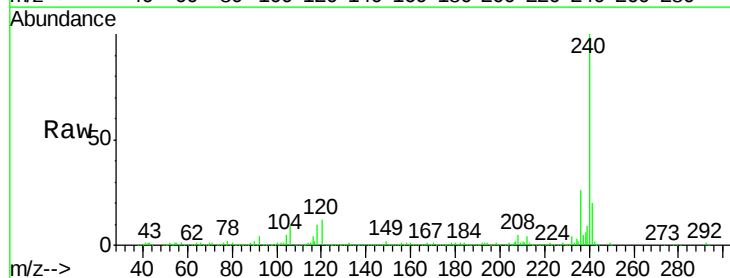


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

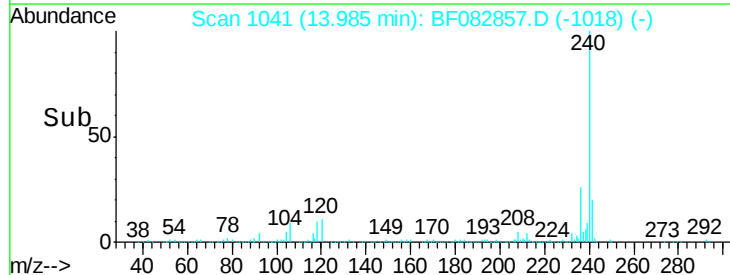
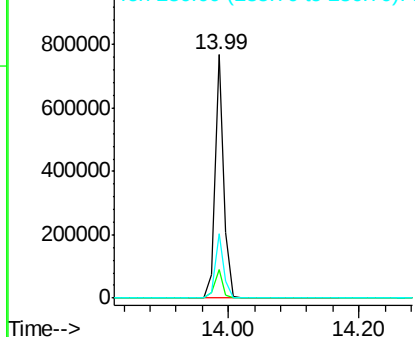


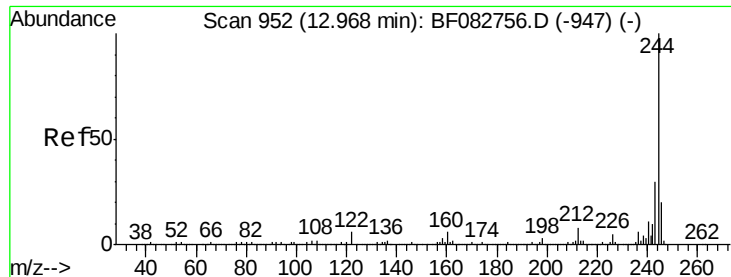
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082857.D
Acq: 10 Nov 2015 6:41

Tgt Ion:240 Resp: 733297
Ion Ratio Lower Upper
240 100
120 11.5 10.9 16.3
236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

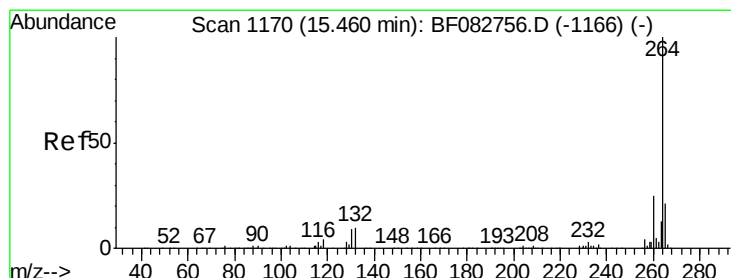
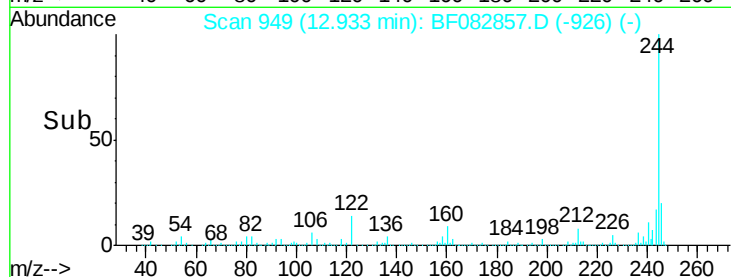
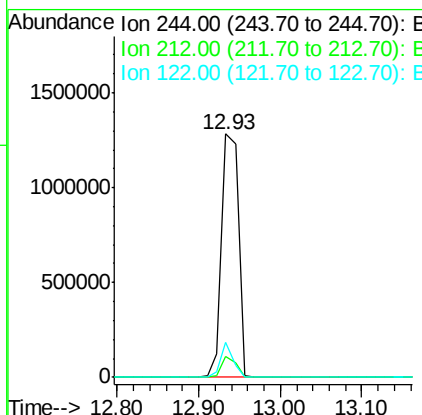
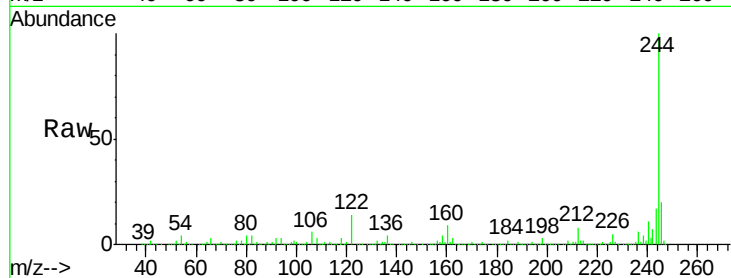




#78
 Terphenyl-d14
 Concen: 58.99 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 T-8L

Tot Ion:244 Resp: 1823889
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 14.5 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082857.D
 Acq: 10 Nov 2015 6:41

Tgt Ion:264 Resp: 607888
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 22.0 17.4 26.0

